

## Chapter 16.64 - SANITARY SEWERS

### Sections:

[16.64.010 - Provision of sanitary sewers.](#)

[16.64.020 - Standards for the design of septic tanks and leaching fields.](#)

[16.64.030 - Street sewer mains and house sewer connections.](#)

### **16.64.010 - Provision of sanitary sewers.**

The developer shall make adequate provision for the disposal of all sanitary wastes which will originate within the proposed project by connection to the sanitary sewer system of the city or any other public sewer system as approved by the city engineer. If the developer can establish to the satisfaction of the city engineer that it is in the public interest, sewage collection and disposal may be accomplished through the use of septic tanks or a community sewage treatment plant constructed by the developer and operated by the city. The city may require dedication of on-site sewers when extension of service to adjacent properties is anticipated. Sewers and easements shall be extended to property lines where required.

(Prior code § 9-1.1810)

### **16.64.020 - Standards for the design of septic tanks and leaching fields.**

When septic tanks and leaching fields are approved, the installations shall meet all the requirements specified by the environmental health department of the county and the city engineer.

(Prior code § 9-1.1815)

### **16.64.030 - Street sewer mains and house sewer connections.**

Street sewer mains and house sewer lines shall be constructed in accordance with the Standard Specifications and shall be designed to meet the following minimum standards:

- A. Capacity. House sewer connecting lines shall be designed to carry the flow from contributing areas. Assuming that each single-family unit will contribute three hundred (300) gallons of sanitary waste each twenty-four (24) hours and providing for a peak load of three times the average flow, no sewer main shall be smaller than eight inches in diameter, unless otherwise approved by the city engineer. Capacity for infiltration inflow shall be included. Sewers shall be sized to accommodate upstream watershed area flows where required by the city engineer. An increase in pipe size over the eight-inch diameter minimum may qualify for cost reimbursement.
- B. Grades. A minimum grade of forty hundredths percent shall be maintained for all eight-inch or six-inch sewers constructed in subdivisions, unless otherwise approved by the city engineer.
- C. Manholes. Manholes shall be provided at all changes in grade and at all changes in direction, but in no case shall be spaced farther apart than four hundred (400) feet center to center, except in situations which justify or require variations from this requirement. Drop manholes shall be provided where the inlet is more than two feet above the invert of the manhole.

## Title 16 - SUBDIVISIONS

### Chapter 16.64 - SANITARY SEWERS

- D. Materials for Sewer Mains and House Sewers. Sewer mains and house sewers in industrial subdivisions shall be constructed SDR-35 of poly-vinyl chloride sewer pipe or extra strength vitrified clay pipe, unless otherwise approved by the city engineer.
- E. House Sewers. The subdivider, unless otherwise approved by the city engineer, shall install a wye branch in the sewer main for each lot in the project and a four-inch connection house sewer shall be constructed of poly-vinyl chloride or vitrified clay pipe unless otherwise approved by the city engineer. The location of all houses sewers shall be clearly marked by the letter "S" at least three inches in height, marked in the curb face. Cleanouts shall be constructed at the property lines of all sewer laterals.
- F. Computations. The city engineer may require the submission of computations to indicate compliance with the standards set forth in this section.
- G. Costs of Connections to Existing Sewer Mains. The cost of constructing to connect the project sewer mains to the existing city sewer mains shall be borne by the developer.
- H. Sewers Along Curves. Sanitary sewers may be installed on horizontal or vertical curves which conform to the curves of the street with the approval of the city engineer. The manholes for such curves shall be installed at locations approved by the city engineer.
- I. Pumping stations shall be constructed where required according to standards set by the city engineer.

(Prior code § 9-1.1820)